

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011482.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 16:50
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:28:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.970	733559	5.192 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
12) S 1-chlorooctadecane (S...	12.410	578837	5.190 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
Target Compounds			
1) T n-Nonane (C9)	2.791	582777	5.160 ug/ml
2) T n-Decane (C10)	3.806	579087	5.174 ug/ml
3) T A~Naphthalene (C11.7)	5.380	683911	5.106 ug/ml
4) T n-Dodecane (C12)	5.803	595697	5.156 ug/ml
5) T A~2-methylnaphthalene...	6.431	645207	5.035 ug/ml
6) T n-Tetradecane (C14)	7.600	616176	5.140 ug/ml
7) T n-Hexadecane (C16)	9.204	660178	5.203 ug/ml
8) T n-Octadecane (C18)	10.650	684850	5.241 ug/ml
10) T n-Eicosane (C20)	11.963	682393	5.319 ug/ml
11) T n-Heneicosane (C21)	12.577	674367	5.239 ug/ml
13) T n-Docosane (C22)	13.164	704214	5.533 ug/ml
14) T n-Tetracosane (C24)	14.271	757015	6.080 ug/ml
15) T n-Hexacosane (C26)	15.294	778883	6.532 ug/ml
16) T n-Octacosane (C28)	16.246	800690	6.983 ug/ml
17) T n-Tricontane (C30)	17.136	814870	7.298 ug/ml
18) T n-Dotriacontane (C32)	17.972	775627	6.987 ug/ml
19) T n-Tetratriacontane (C34)	18.758	701393	5.924 ug/ml
20) T n-Hexatriacontane (C36)	19.500	592137	5.623 ug/ml
21) T n-Octatriacontane (C38)	20.253	556002	5.281 ug/mlm
22) T n-Tetracontane (C40)	21.195	569339	5.378 ug/ml

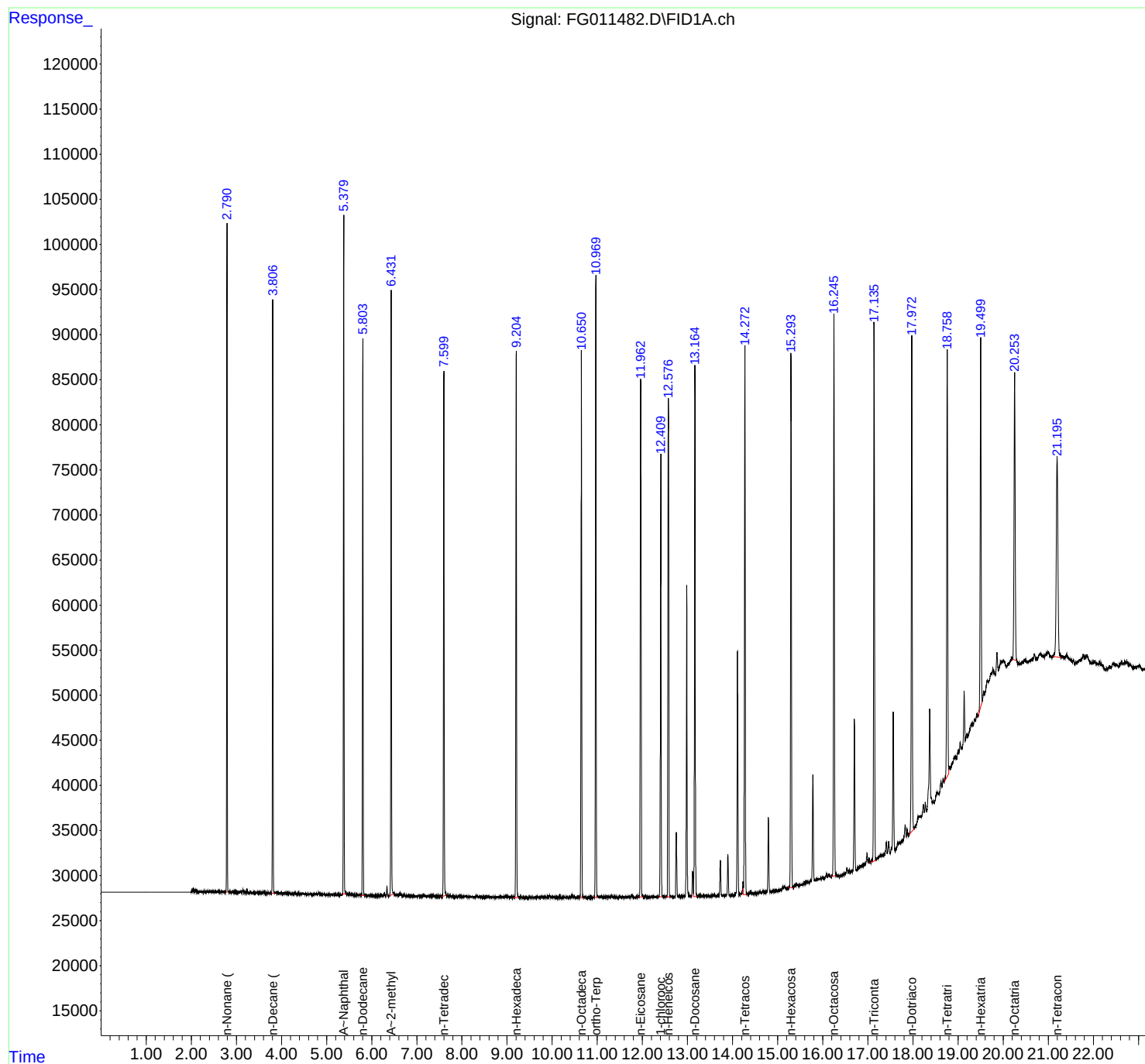
(f)=RT Delta > 1/2 Window

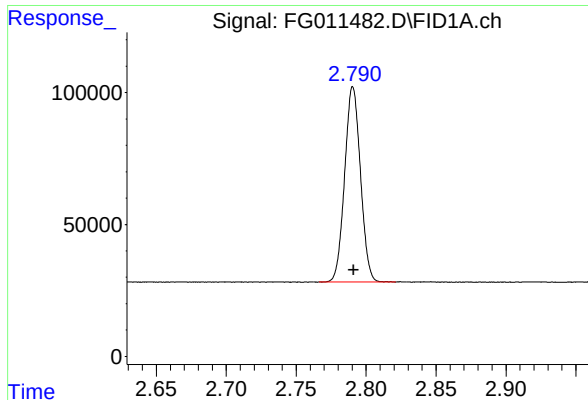
(m)=manual int.

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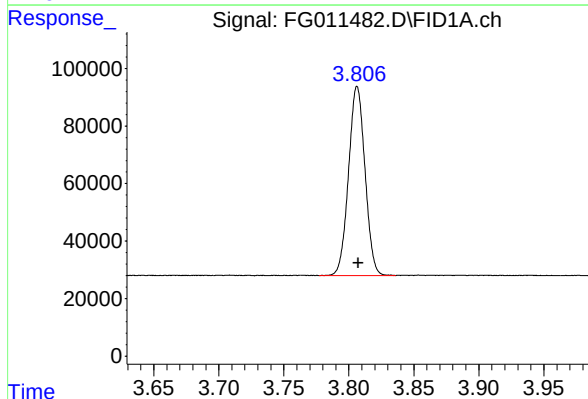
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





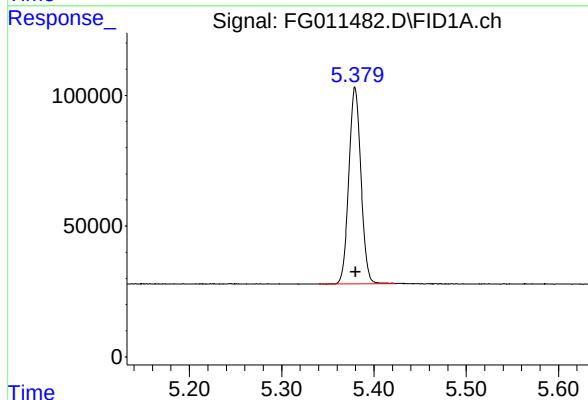
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: 0.000 min
Response: 582777
Conc: 5.16 ug/ml



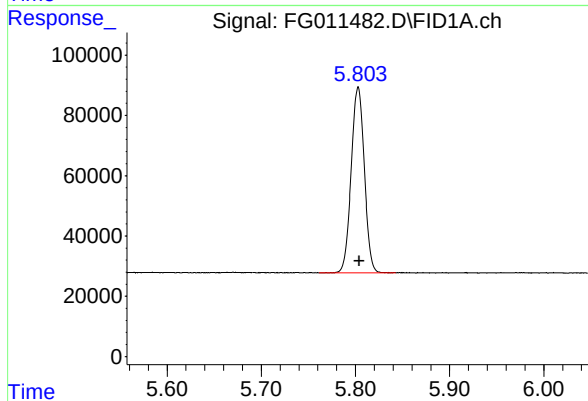
#2 n-Decane (C10)

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 579087
Conc: 5.17 ug/ml



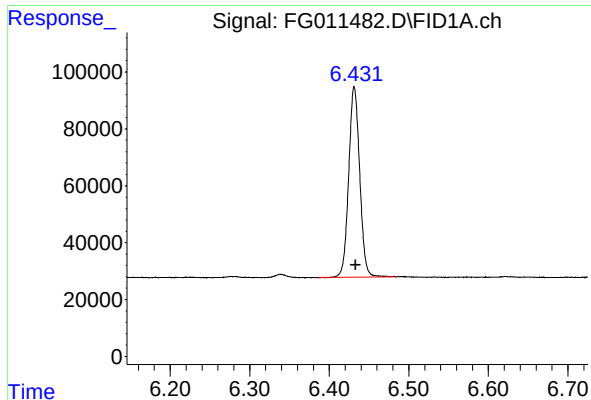
#3 A~Naphthalene (C11.7)

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 683911
Conc: 5.11 ug/ml



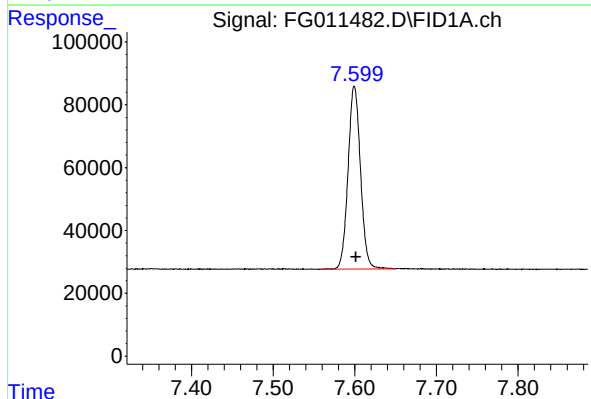
#4 n-Dodecane (C12)

R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 595697
Conc: 5.16 ug/ml



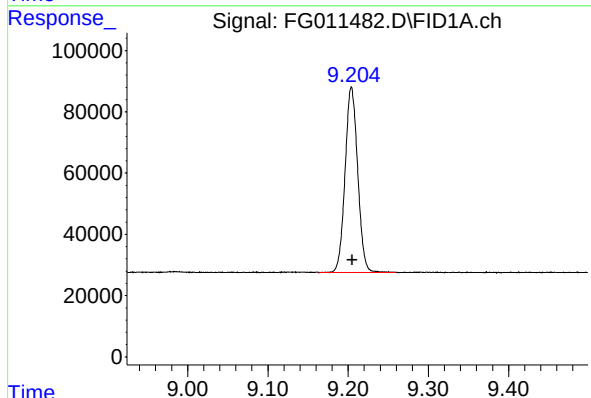
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.431 min
Delta R.T.: -0.001 min
Response: 645207
Conc: 5.03 ug/ml



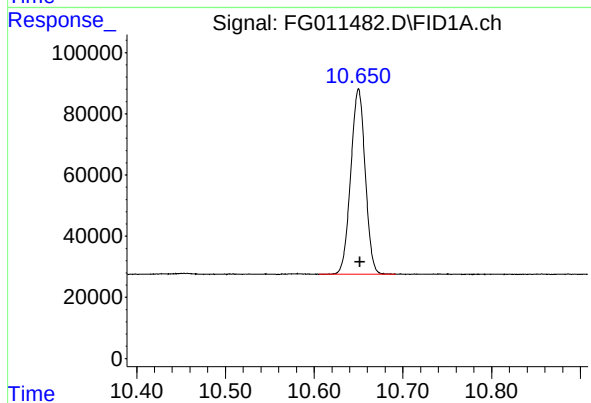
#6 n-Tetradecane (C14)

R.T.: 7.600 min
Delta R.T.: -0.002 min
Response: 616176
Conc: 5.14 ug/ml



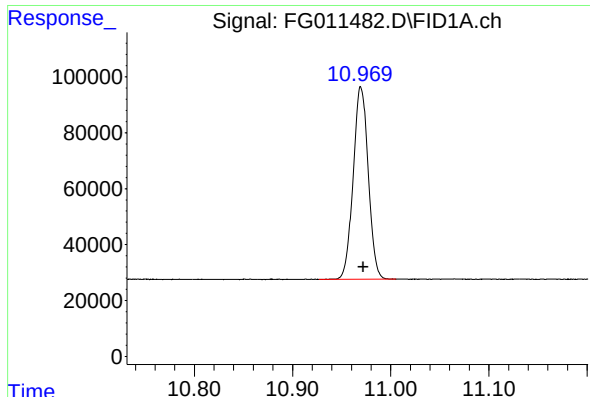
#7 n-Hexadecane (C16)

R.T.: 9.204 min
Delta R.T.: -0.001 min
Response: 660178
Conc: 5.20 ug/ml



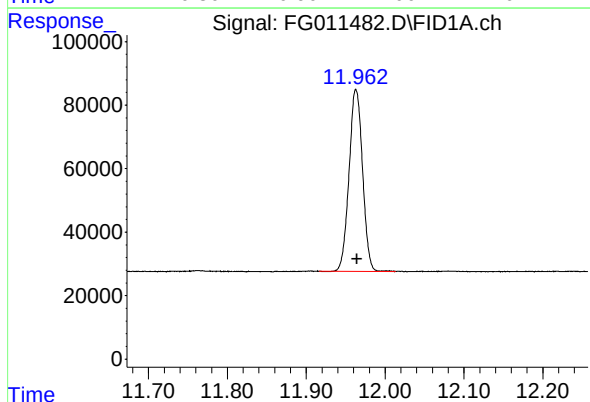
#8 n-Octadecane (C18)

R.T.: 10.650 min
Delta R.T.: -0.002 min
Response: 684850
Conc: 5.24 ug/ml



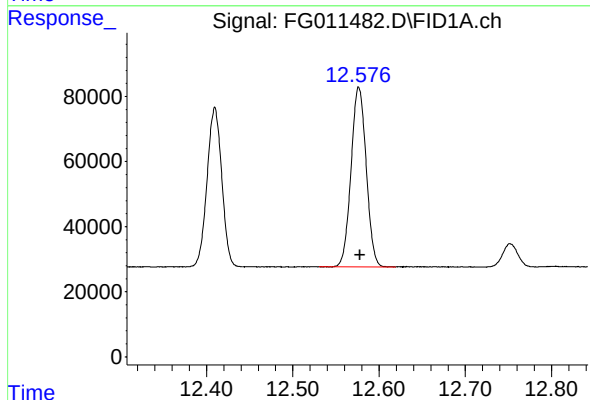
#9 ortho-Terphenyl (SURR)

R.T.: 10.970 min
Delta R.T.: -0.002 min
Response: 733559
Conc: 5.19 ug/ml



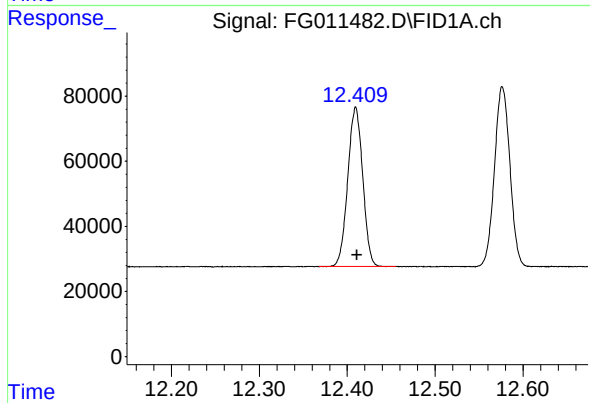
#10 n-Eicosane (C20)

R.T.: 11.963 min
Delta R.T.: -0.001 min
Response: 682393
Conc: 5.32 ug/ml



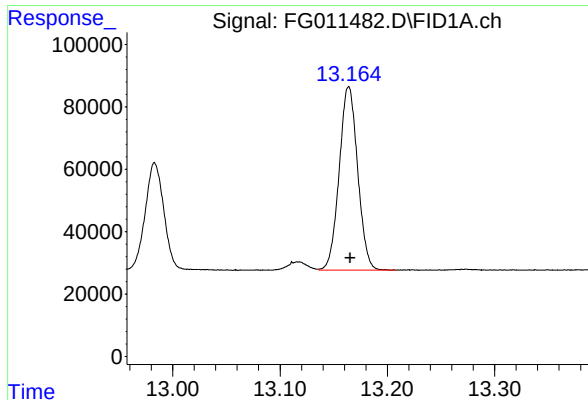
#11 n-Heneicosane (C21)

R.T.: 12.577 min
Delta R.T.: -0.001 min
Response: 674367
Conc: 5.24 ug/ml



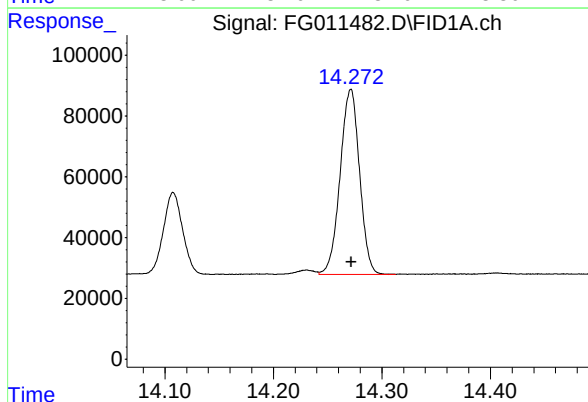
#12 1-chlorooctadecane (SURR)

R.T.: 12.410 min
Delta R.T.: -0.001 min
Response: 578837
Conc: 5.19 ug/ml



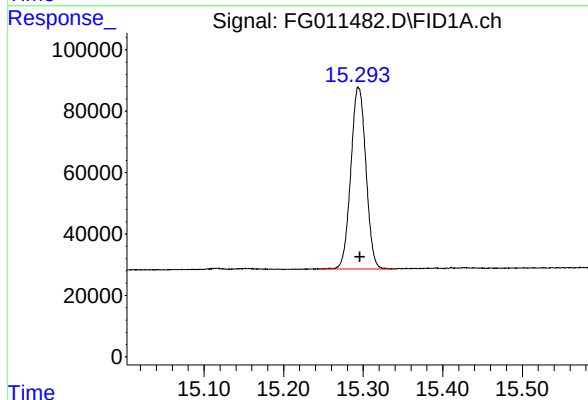
#13 n-Docosane (C22)

R.T.: 13.164 min
Delta R.T.: -0.002 min
Response: 704214
Conc: 5.53 ug/ml



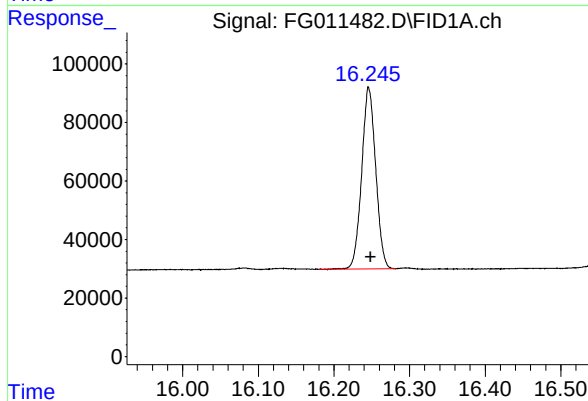
#14 n-Tetracosane (C24)

R.T.: 14.271 min
Delta R.T.: 0.000 min
Response: 757015
Conc: 6.08 ug/ml



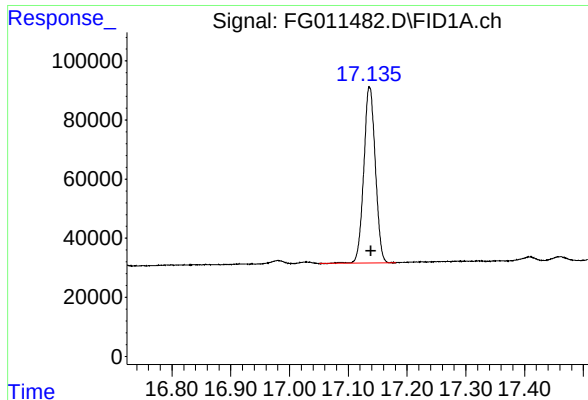
#15 n-Hexacosane (C26)

R.T.: 15.294 min
Delta R.T.: -0.002 min
Response: 778883
Conc: 6.53 ug/ml



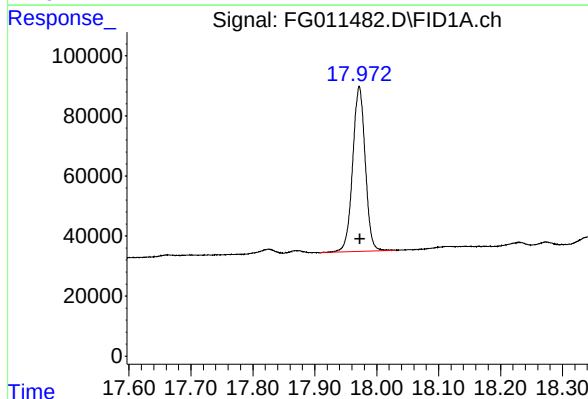
#16 n-Octacosane (C28)

R.T.: 16.246 min
Delta R.T.: -0.003 min
Response: 800690
Conc: 6.98 ug/ml



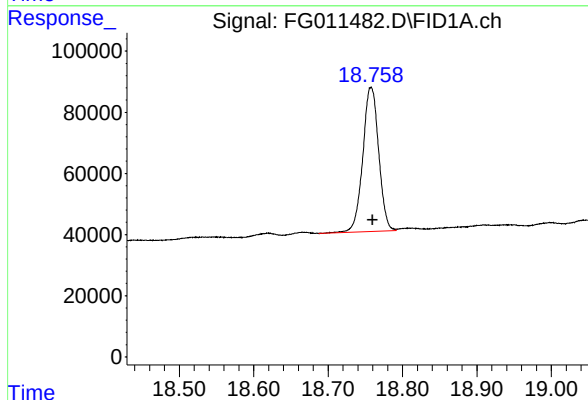
#17 n-Tricontane (C30)

R.T.: 17.136 min
Delta R.T.: -0.003 min
Response: 814870
Conc: 7.30 ug/ml



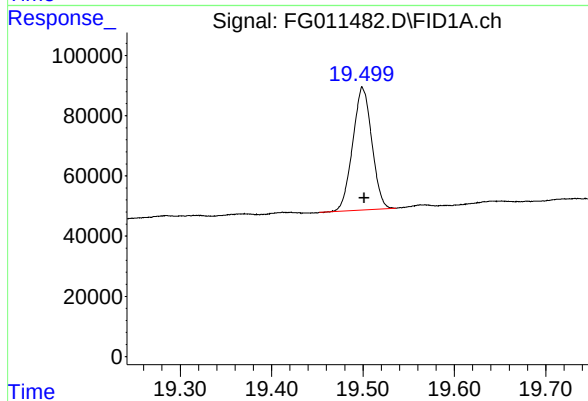
#18 n-Dotriacontane (C32)

R.T.: 17.972 min
Delta R.T.: -0.001 min
Response: 775627
Conc: 6.99 ug/ml



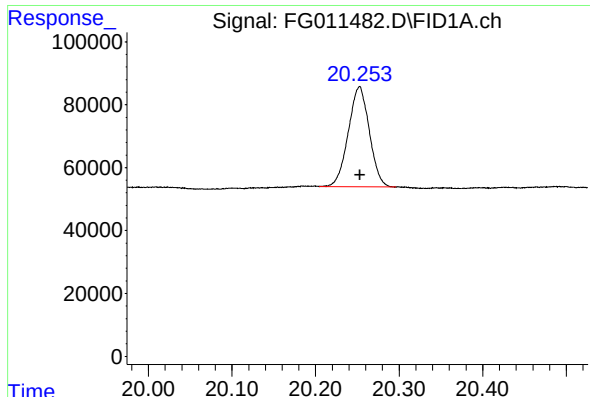
#19 n-Tetratriacontane (C34)

R.T.: 18.758 min
Delta R.T.: -0.002 min
Response: 701393
Conc: 5.92 ug/ml



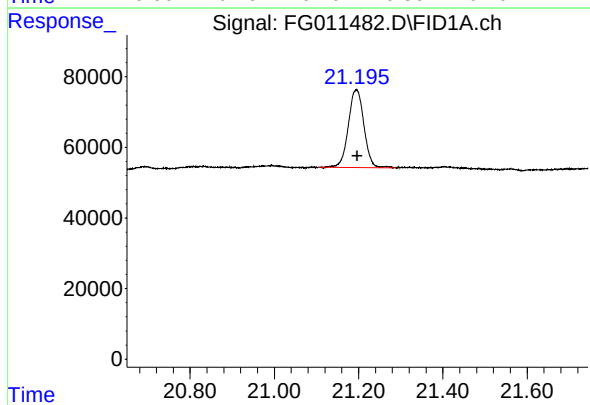
#20 n-Hexatriacontane (C36)

R.T.: 19.500 min
Delta R.T.: -0.002 min
Response: 592137
Conc: 5.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.253 min
Delta R.T.: 0.000 min
Response: 556002
Conc: 5.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.195 min
Delta R.T.: -0.002 min
Response: 569339
Conc: 5.38 ug/ml